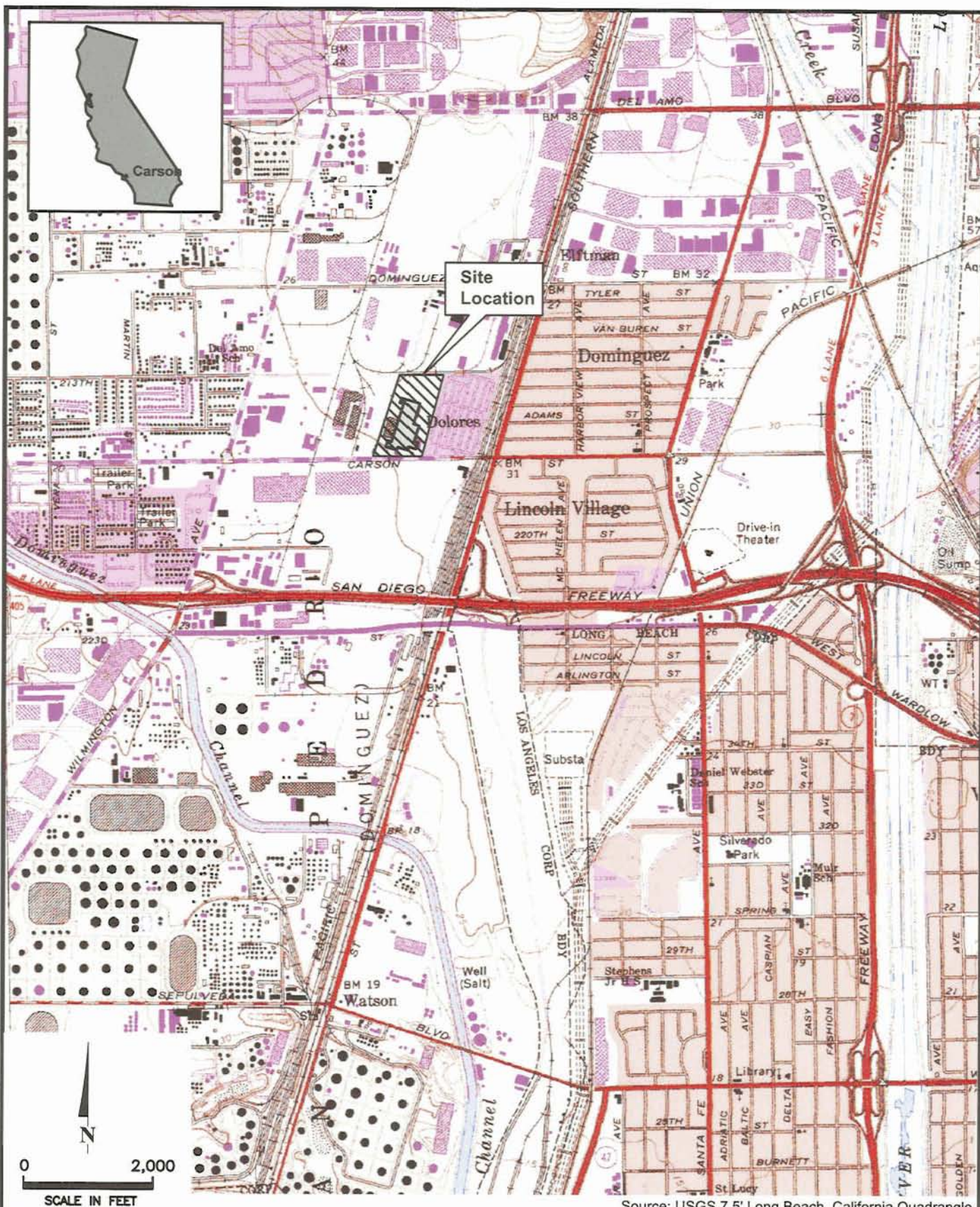


# Attachment 1

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## *Site Maps*

U:\Catalus\05-350-V Aleris-Carson, Ca\CA2\Long Beach (11).dwg



Source: USGS 7.5' Long Beach, California Quadrangle

**IRIS ENVIRONMENTAL**  
1438 Webster Street, Suite 302  
Oakland, California 94612  
Ph. (510) 834-4747 Fax: (510) 834-4199

**Site Location Map**  
2211 East Carson Street  
Carson, California

Figure

**1**

Drafter: EBH

Date: 9/18/07

Contract Number: 06-467-K





# Attachment 2

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## *Health and Safety Forms*

- *Utility Clearance – Underground Notification Form*
- *Project Site IIPP Safety Inspection Checklist*
- *Tailgate Safety Meeting Report*
- *Site Entry / Exit Log*
- *Air Monitoring Log*
- *Dust Monitoring Log*

**CALL TOLL FREE****800-227-2600 Southern California****800-642-2444 Northern California****2 working days before you dig****Dig Alert No.:** \_\_\_\_\_**LOCATION REQUEST FORM**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Operator: \_\_\_\_\_  
Company Phone No.: 714-893-6366 Caller: \_\_\_\_\_  
Company Name: Innovative Construction Solutions  
Address: 7125 Fenwick Lane, Suite O  
City: Westminster State: California Zip: 92683  
Fax: 714-893-5122 E-mail: \_\_\_\_\_  
Best hours to reach your company: \_\_\_\_\_  
Foreman: \_\_\_\_\_ Foreman's Pager/Cellular No.: \_\_\_\_\_  
Delineated: Yes ☐ No ☐  
Excavation Address: \_\_\_\_\_  
City: \_\_\_\_\_ County: \_\_\_\_\_  
Thomas Guide Page & Grid: \_\_\_\_\_ Closest X Street: \_\_\_\_\_  
Additional Addresses or Descriptive Location: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Type of Work: \_\_\_\_\_  
Boring: Yes ☐ No ☒  
Work to Begin: Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Instructions: Mark By ☒ Meet & Mark \_\_\_\_\_ Validate Permit Only \_\_\_\_\_  
Work being done for: \_\_\_\_\_  
Permit No.: ☐ Not required ☐ Not Available ☐ Blanket ☒ Agency  
Company to add to Notification List: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Members being notified by USA: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Update On or Before Date: \_\_\_\_\_  
First Extended Expiration Date: \_\_\_\_\_  
Second Extended Expiration Date: \_\_\_\_\_

ICS Project Name: \_\_\_\_\_  
ICS Project No.: \_\_\_\_\_  
Project Manager: \_\_\_\_\_  
Site Superintendent: \_\_\_\_\_

**i**nnovative  
**c**onstruction  
**s**olutions, inc.

## PROJECT SITE IIPP SAFETY INSPECTION CHECKLIST

Project Name: \_\_\_\_\_  
 Project Number: \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Site Supervisor: \_\_\_\_\_  
 Inspector's Name: \_\_\_\_\_

### MEDICAL AND FIRST AID

YES

NO

1. Are First Aid Kits accessible and identified? \_\_\_\_\_
2. Are emergency eye wash and safety showers available? \_\_\_\_\_
3. Are daily logs for first aid present and up to date? \_\_\_\_\_
4. Are First Aid Kits inspected weekly? \_\_\_\_\_

### PERSONAL PROTECTIVE EQUIPMENT

1. Have levels of personnel protection been established? \_\_\_\_\_
2. Do all employees know their level of protection? \_\_\_\_\_
3. Are respirators used decontaminated, inspected, and stored according to standard procedures? \_\_\_\_\_
4. Have employees been fit-tested? \_\_\_\_\_
5. Is defective personal protective equipment tagged? \_\_\_\_\_
6. Does compressed breathing air meet CGA Grade "D" minimum? \_\_\_\_\_
7. Are there sufficient quantities of safety equipment and repair parts? \_\_\_\_\_
8. Does Level D protection consist of safety glasses, hard hats, and steel toe boots? \_\_\_\_\_

### FIRE PREVENTION

1. Is smoking prohibited in flammable storage areas? \_\_\_\_\_
2. Are fire lanes established and maintained? \_\_\_\_\_
3. Are flammable dispensing systems grounded and bonded? \_\_\_\_\_
4. Are approved safety cans available for storage of flammable liquids? \_\_\_\_\_
5. Has the local fire department been contacted? \_\_\_\_\_
6. Are fire extinguishers available near refueling areas? \_\_\_\_\_



### AIR MONITORING

YES

NO

1. Is air monitoring being conducted as required by the site safety plan?
2. Are air monitoring instruments calibrated daily?
3. Is the air monitoring logbooks up to date?
4. Are user manuals available?
5. Are instruments clean and charged?

_____	_____
_____	_____
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_____	_____

### WELDING AND CUTTING (29 CFR 1926 Subpart J)

1. Are fire extinguishers present at welding and cutting operations?
2. Are confined spaces; such as, tanks, pipelines, and trenches; tested prior to cutting and welding operations?
3. Are Hot Work Permits available?
4. Are proper helmets, goggles, aprons, and gloves available for welding and cutting operations?
5. Are welding machines properly grounded?
6. Are oxygen and fuel gas cylinders stored a minimum of 20 feet apart?
7. Are only trained personnel permitted to operate welding and cutting equipment?

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### HAND AND POWER TOOLS (29 CFR 1926 Subpart I)

1. Are defective hand and power tools tagged and taken out of service?
2. Is eye protection available and used when operating power tools?
3. Are guards and safety devices in place on power tools?
4. Are power tools inspected before each use?
5. Are non-sparking tools available?

_____	_____
_____	_____
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### MOTOR VEHICLES

1. Are vehicles inspected daily?
2. Are personnel licensed for the equipment they operate?
3. Are unsafe vehicles tagged and reported to supervision?
4. Are vehicles shut down before fueling?
5. When backing vehicles, are spotters provided?
6. Is safety equipment on vehicles?
7. Are loads secure on vehicles?
8. Are vehicle occupants using safety belts if provided?

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### EMERGENCY PLANS

1. Are emergency telephone numbers posted?
2. Have emergency escape routes been designated?
3. Are employees familiar with the emergency signal?
4. Has the emergency route to the hospital been established and posted?

_____	_____
_____	_____
_____	_____

MATERIALS HANDLING

YES

NO

1. Are materials stacked and stored as to prevent sliding or collapsing?
2. Are flammables and combustibles stored in non-smoking areas?
3. Is machinery braced when personnel are performing maintenance?
4. Are tripping hazards labeled?
5. Are semi-trailers chocked?
6. Are fixed jacks used under semi-trailers?
7. Are riders prohibited on materials handling equipment?
8. Are cranes inspected as prescribed and logged?
9. Are OSHA approved manlifts provided for the lifting of personnel?
10. Are personnel in manlifts wearing approved fall protection devices?

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FIRE PROTECTION

1. Has a fire alarm been established?
2. Do employees know the location and use of all fire extinguishers?
3. Are fire extinguisher locations marked?
4. Are combustible materials segregated from open flames?
5. Have fire extinguishers been professionally inspected during the last year?
6. Are fire extinguishers visually inspected monthly?

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ELECTRICAL (29 CFR 1926 Subpart K)

1. Is electrical equipment and wiring properly guarded?
2. Are electrical lines, extension cords, and cables guarded and maintained in good conditions?
3. Are extension cords kept out of wet areas?
4. Is damaged electrical equipment tagged and taken out of service?
5. Have underground electrical lines been identified by proper authorities?
6. Has positive lock-out system been established by a certified project electrician?
7. Are GFCI's being used as needed?
8. Are extension cords being inspected daily for ground continuity and structural integrity? (i.e., group pin in place, no unapproved splices)
9. Are warning signs exhibited on high voltage equipment (250V or greater)?
10. Is extension cord inspection documented?

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CRATES AND RIGGING (29 CFR 1926550)

1. Are cranes inspected daily?
2. Are crane swing areas barricaded or demarked?
3. Is all rigging equipment tagged with an identification number and rated capacity?
4. Is rigging equipment inspection documented?
5. Are slings, chains, and rigging inspected before each use?
6. Are damaged slings, chains, and rigging tagged and taken out of service?
7. Are slings padded or protected from sharp corners?
8. Do employees keep clear of suspended loads?
9. Are employees in the lift area wearing hard hats?

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### COMPRESSED GAS CYLINDERS

YES

NO

1. Are breathing air cylinders charged only to prescribed pressures?
2. Are like cylinders segregated in well ventilated areas?
3. Is smoking prohibited in cylinder storage areas?
4. Are cylinders stored secure and upright?
5. Are cylinders protected from snow, rain, etc.?
6. Are cylinder caps in place before cylinders are moved?
7. Are fuel gas and O2 cylinders stored a minimum of 20 feet apart?
8. Are propane cylinders stored and used outside the structure?

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### SCAFFOLDING (29 CFR 1926A51)

1. Is scaffolding placed on a flat, firm surface?
2. Are scaffold planks free of mud, ice, grease, etc.?
3. Is scaffolding inspected before each use?
4. Are defective scaffold parts taken out of service?
5. Does mobile scaffold height exceed 4 times the width or base dimension?
6. Does scaffold planking overlap a minimum of 12 inches?
7. Does scaffold planking extend over end supports between 6 to 18 inches?
8. Are employees restricted from working on scaffolds during storms and high winds?
9. Are ail pins in place and wheels locked?
10. Is perimeter guarding (top rail, mid rail, and toe board) present?

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### WALKING AND WORKING SURFACES

1. Are ladders a Type I or Type II?
2. Are access ways, stairways, ramps, and ladders clean of ice, mud, snow, or debris?
3. Are ladders being used in a safe manner?
4. Are ladders kept out of passageways, doors, or driveways?
5. Are broken or damaged ladders tagged and taken out of service?
6. Are metal ladders prohibited in electrical service?
7. Are stairways and floor openings guarded?
8. Are safety feet installed on straight and extension ladders?
9. Is general housekeeping up to FEIS standards?
10. Are ladders tied off?

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### SITE SAFETY PLAN

1. Is a site safety plan available on site or accessible to all employees?
2. Does the safety plan accurately reflect site conditions and tasks?
3. Have potential hazards been described to employees on site?
4. Is there a designated safety official on site?
5. Have ail employees signed the acknowledgment form?

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SITE POSTERS

YES

NO

1. Are the following documents posted in a prominent and accessible area?
  - A. Minimum Wage
  - B. OSHA Health and Safety
  - C. Equal Employment Opportunity

_____	_____
_____	_____
_____	_____
_____	_____

SITE CONTROL

1. Are work notes clearly defined?
2. Are support trailers located to minimize exposure from a potential release?
3. Are support trailers accessible for approach by emergency vehicles?
4. Is the site properly secured during and alter work hours?

_____	_____
_____	_____
_____	_____

HEAVY EQUIPMENT (29 CFR 1926 Subpart O)

1. Is heavy equipment inspected as prescribed by the manufacturer?
2. Is defective heavy equipment tagged and taken out of service?
3. Are project roads and structures inspected for load capacities and proper clearances?
4. Is heavy equipment shut down for fueling and maintenance?
5. Are back-up alarms installed and working on equipment?
6. Are designated operators only operating equipment?
7. Are riders prohibited on heavy equipment?
8. Are guards and safety appliances in place and used?

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EXCAVATION (29 CFR 1926 Subpart P)

1. Has a "competent person" been designated to supervise this excavation activity?
2. Have utility companies been advised of excavation activities?
3. Prior to opening excavations, are utilities located and marked?
4. Has a professional engineer evaluated all excavations greater than 20 feet deep?
5. Is there rescue equipment on-site and accessible to excavation?
6. Is excavated material placed a minimum of 24 inches from the excavations?
7. Are the sides of excavations sloped or shored to prevent caving in on employees?
8. Has excavation greater than 4-feet deep been monitored for hazardous atmospheres (i.e. LEL/O2 deficiency)?
9. Are ladders used in excavations over 4-feet deep?
10. Are ladders present every 25 feet?
11. Are barriers, i.e. guardrails or fences placed around excavations near pedestrian or vehicle thoroughfares?
12. Is excavation inspected daily by competent persons and documented?

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CONFINED SPACES (Proposed Regulation 29 CFR 1910.146)

YES

NO

1. Have employees been trained in the hazards of confined spaces?
2. Are confined space permits available on project site?
3. Is the contractors confined space safety procedure on the project?
4. Has a rescue plan been established?

_____	_____
_____	_____
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PERSONNEL DECONTAMINATION

1. Are decontamination stations set up on site?
2. Are waste receptacles available for contaminated clothing?
3. Are steps taken to contain liquids used for decontamination?
4. Have decontamination steps and procedures been covered by the site supervisor or safety official?
5. Is all personal protective equipment and respiratory equipment being cleaned on a daily basis?

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EQUIPMENT DECONTAMINATION

1. Has equipment decontamination been established?
2. Is contamination wash water properly contained and disposed of?
3. Are all pieces of equipment inspected for proper decontamination before leaving the site?
4. Is all equipment being cleaned on a daily basis?

_____	_____
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HAZARD COMMUNICATION (29 CFR 1926.59)

1. Is there a written program on-site?
2. Is there a MSDS FOR EACH CHEMICAL present on-site?
3. Are all containers properly labeled, as to content, hazard?
4. Have employees been trained on chemical hazards?
5. Are employee's trained on chemical hazards while doing non-routine tasks?
6. Do employees (including subcontractors) know and understand the acute and chemical effects of exposure from the chemicals on-site?
7. Have all subcontractors signed the Haz-Comm acknowledgment form?

_____	_____
_____	_____
_____	_____
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_____	_____

**I have reviewed this inspection checklist with the safety inspector and fully understand the recommendation and will make every attempt to correct them immediately.**

Signature

Date

Site Supervisor:

\_\_\_\_\_

\_\_\_\_\_

Project Manager:

\_\_\_\_\_

\_\_\_\_\_

FEIS Compliance  
Inspector:

\_\_\_\_\_

\_\_\_\_\_



## TAILGATE SAFETY MEETING REPORT

Project Name:			Date:
ICS Project No.:			Time:
Project Location:			Page: 1 of 1
Site Address:			Emergency Client Contact:
Cross Street & TGP:			Name:
			Tel:
Field Activity Subject:			
<b>SAFTEY TOPICS PRESENTED</b>			
Protective Clothing / Equipment:	Level D (hard hat, ear plugs, safety glasses, gloves, vest, steel toed shoes)		
Monitoring Equipment:	Photo Ionization Detector (PID) or Organic Vapor Analyzer (OVA)		
Chemical Hazard:	TPH and Heavy Metals		
Physical Hazard:	Slip, Trips, Falls, Operating Equipment, Vehicular Traffic		
Emergency Procedures:	Contact ICS Health & Safety Officer - Extreme Emergency - Dial 911		
Hospital/Clinic:	Pacific Hospital - Long Beach	Phone:	562-997-2500
Hospital Address:	2776 Pacific Avenue, Long Beach, California 90806		
Special Equipment:	Odor Supressing equipment available for odiferous soils		
Other:	Level D upgrades: protective gloves, coveralls, dust mask or respirator		
<b>ATTENDESS</b>			
<u>NAME PRINTED</u>	<u>COMPANY</u>	<u>SIGNATURE</u>	
Meeting Conducted By			
Name (Printed)		Signature	



[illegible]



[illegible]

# Attachment 3

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## *Hospital Route Map*



**Start:** **2211 E Carson St**  
Long Beach, CA 90810-1227, US

**End:** **2776 Pacific Ave**  
Long Beach, CA 90806-2613, US

**Notes:**

Only text visible within note field will print.



**Directions**

**Distance**

**Total Est. Time:** 8 minutes      **Total Est. Distance:** 3.50 miles

	<b>1:</b> Start out going EAST on E CARSON ST toward ARNOLD CENTER RD.	0.8 miles
	<b>2:</b> Turn RIGHT onto S SANTA FE AVE.	0.5 miles
	<b>3:</b> Turn LEFT onto W WARDLOW RD.	1.2 miles
	<b>4:</b> Turn RIGHT onto PACIFIC PL.	0.2 miles
	<b>5:</b> PACIFIC PL becomes PACIFIC AVE.	0.5 miles
	<b>6:</b> Make a U-TURN onto PACIFIC AVE.	<0.1 miles
	<b>7:</b> End at <b>2776 Pacific Ave</b> Long Beach, CA 90806-2613, US	

**Total Est. Time:** 8 minutes      **Total Est. Distance:** 3.50 miles





**Start:**  
**2211 E Carson St**  
 Long Beach, CA 90810-1227, US

**End:**  
**2776 Pacific Ave**  
 Long Beach, CA 90806-2613, US



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